

FY13 Wastewater Treatment Plant Joint Base Lewis-McChord, WA

**Industry Day
Presentation**

**Seattle District
27 Nov 12**



FY13 WWTP, JBLM, WA Industry Day



Overview

- Where?
- Why?
- What?
- How?
- Who?



FY13 WWTP, JBLM, WA

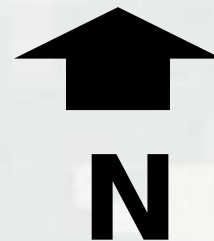
Where?

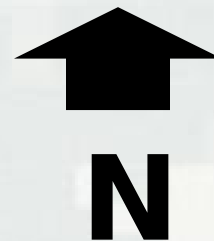
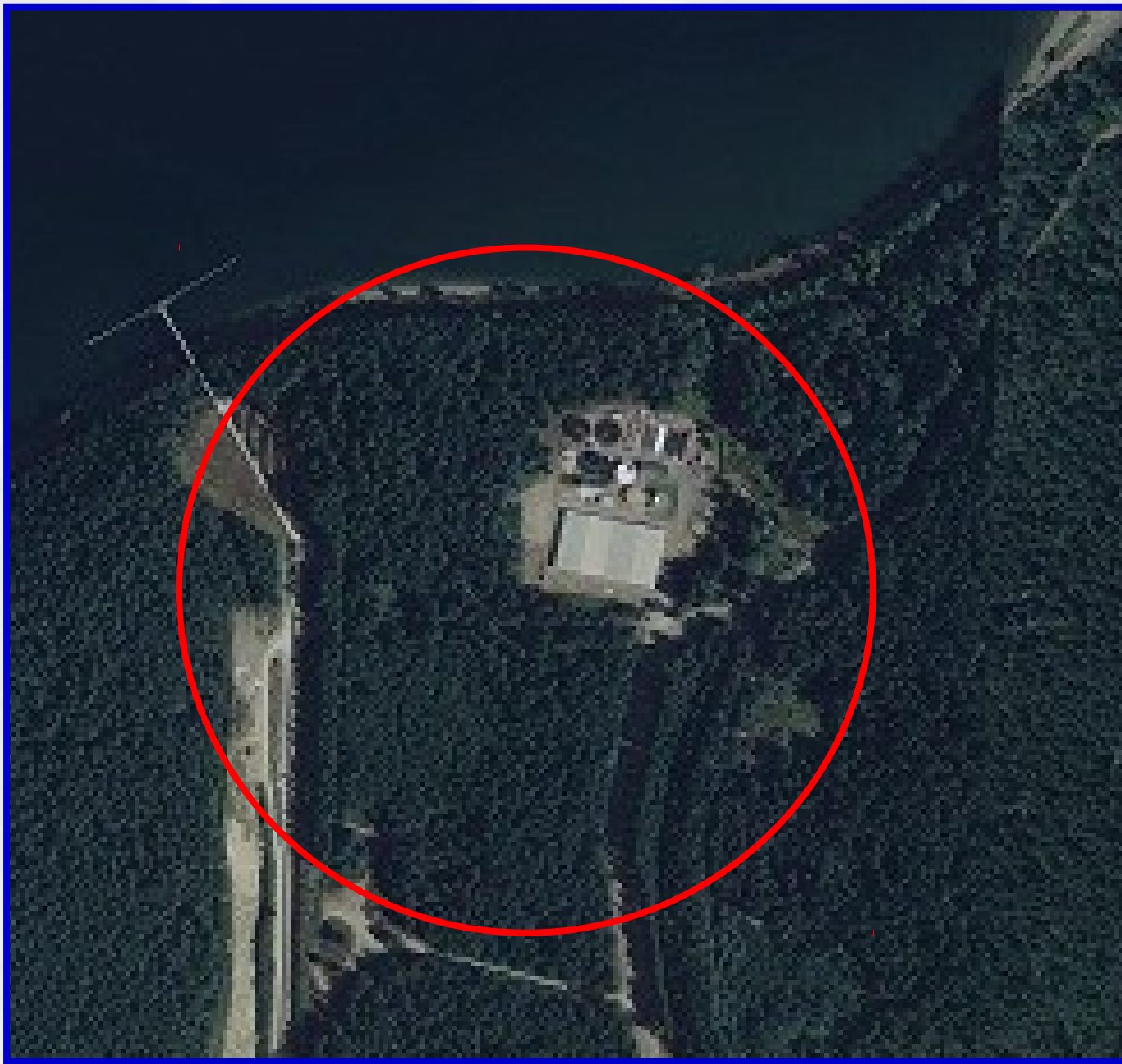


HERE!

- JBLM-North
- Tatsolo Point
- Solo Pt Rd, Off of Dupont-Steilacoom Rd







FY13 WWTP, JBLM, WA

Why?

Current Plant

- Constructed Circa 1955
- Supports JBLM, Camp Murray, American Lake
- Maintained, Repaired, & Upgraded for 57 yrs
- Main

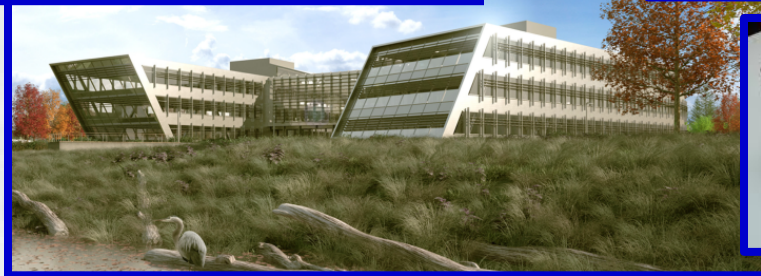
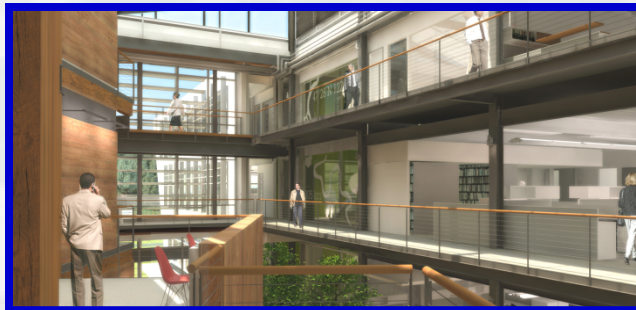


FY13 WWTP, JBLM, WA

Why?

But Times Are Changing ...

- South Puget Sound Critical Habitat Concerns
- Higher Regulatory Standards for Treatment



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Why?



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What?

Project Parameters

- **FY 13 Army MILCON Program**
- **Project Programmed Amount = \$91M**
- **Support 2030 Target Population of 100,000**
- **Constructs New WWTP**
- **De-Commissions & Mothballs Existing WWTP**
- **Training/Change-Over/Commissioning of**
New WWTP Prior to Gov't Acceptance



FY13 WWTP, JBLM, WA

What?

2030

Influent Dsn Flow (MGD)

Avg Dry Weather Flow	3.7
Annual Avg Flow	4.4
Max Month Flow	6.7
Peak Day Flow	10.0
Peak Hour Flow	12.0*

***w/ Consideration for WWTP Expansion to 18 MGD
(+50%)**



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What?

Project Development

- **Design-Build Construction Contract**
- **Conventional Activated Sludge Plant,**
 - w/ Tertiary Membrane Filtration**
- **Discharge Criteria**
 - **Meet 'Class A' Stds w/ Nitrogen Removal**
 - **Meet Current Permit Stds**
 - **Ready for Future Permit Climate**
- **Prepare for 'Purple Pipe' Under Ph II**



WWTP

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How?

D-B RFP Status

- **Parametric Design Report (PDR) - Completed**
- **Design Charrette - Completed**
- **Value-Engineering (V-E) Study - Completed**
- **Draft D-B RFP Review - Completed**
- **D-B RFP Ready to Advertise (RTA) - ~ Feb 2013**
- **Two-Step, Best-Value, D-B Acquisition**



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Who?

That's A Good Question ...



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Camp Lewis - 1917

